

DYNAFILE

The Power Hand File



D8-62

- Easy and natural to use
- Files, deburrs or polishes fast, accurately and with better quality
- Files and deburrs in previously inaccessible areas
- Light weight - not tiring for operator
- Uses standard, easily replaceable abrasive belts
- Pneumatically powered
- 5 models to suit your exact needs
- Special length grinding arms available

DYNABRADE



DYNABRADE INC.

Box 179

Tonawanda, N. Y. 14150

Shipping address: 337 Payne Avenue, North Tonawanda, N.Y. 14120

DYNAFILE

The Power Hand File

THROTTLE

Button throttle on "S" machines.
Lever throttle on "D" machines.
Variable speed control.

MOTOR — HANDLE

0.4 H.P., 14,000 R.P.M. on "S" machines. 0.6 H.P., 14,500 R.P.M. on "D" machines. "Hand size". Easily removable for repairs or replacement.

IT'S SIMPLE TO LOAD

Merely depress the grinding arm with convenient thumb pressure and the old belt slips free. Mount the new belt in seconds under the built-in belt guard. Patented 90° twist in belt gives positive tracking over contact wheel.

CONTACT ARM

Measures 5/8" wide with pressure sensitive platen pads attached. Extends 5 1/2" ahead of housing. 15 1/4" ahead of housing on Model 55A440.

CONTACT WHEELS

Range from 5/16" diameter by 3/8" to 5/8" Diameter by 1/2" wide . . . interchangeable on all models of machine. Select best wheel for your job.

PLATENS

Work with belts on both sides of contact wheel. Platens range from (pressure sensitive) spongy case hardened steel on jobs ranging from dressing and polishing small curvatures to flattening of welds, etc.

Length	15"
Height	3 1/4"
Width	2 1/2"
Weight	2 lb. 13 oz.
SFPM @ 60 P.S.I.	3000
Belt Size	1/2" x 24"
Length of Arm beyond Casting ...	5 1/2" & 15 1/4"
Throttle Control ..	
Air Pressure	60-90 P.S.I.
CFM	7-13 FPM

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DYNAFILE

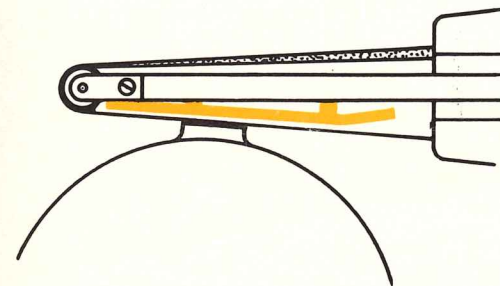
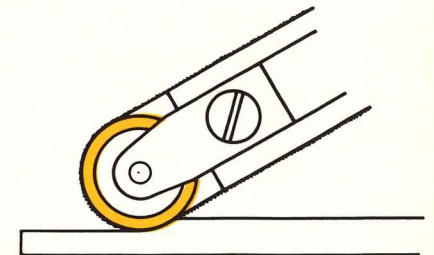
A versatile grinding and filing power tool

THIS INNOVATION in coated abrasive belt machinery enables an operator to grind, deburr, polish or file in inaccessible places — with power. One half inch wide abrasive belts run over contact wheels from 5/16" diameter to 5/8" diameter. Openings as small as 3/8" x 5/8" can easily be entered. Work can be accomplished over the contact wheel or over the various platens offered.



GRIND WITH BELT OVER CUSHIONED PADS. Heavy grinding to light deburring. 40 grit to 500 grit. The cushioned pads allow the belt to follow every contour and blend as it grinds. Inexpensive pads are pressure sensitive for quick change, have a tough, friction resistant surface.

Fastest way to remove stock with the Dynafile. Grind with belt as it runs over rubber covered contact wheel. Use resin bond cloth belts, grit 40 thru 500 to remove welds, imperfections, etc.

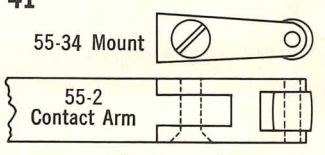
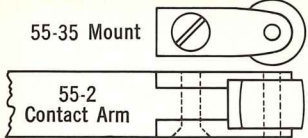
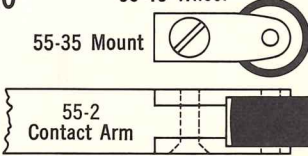
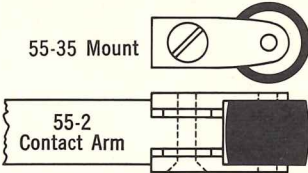
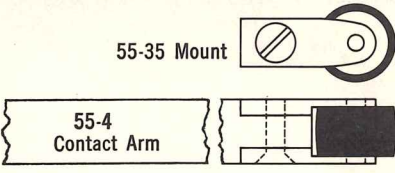


Grind with belt over case-hardened steel platen. Remove welds. Sharpen knives. Flat grind with power. Use grits from 40 thru 500. Very rapid cutting with excellent control.

DYNAFILE

Five Air Models to suit your needs

- Choose the model to best fit your job.
- Contact Wheel Mounts and Platens are interchangeable. For all models. The machine you buy is really 5 machines.

MODEL	WHEEL MOUNT	ADVANTAGES	PRICE
55 A 41  55-34 Mount 55-2 Contact Arm Wheel $\frac{5}{16}$ " dia. $\frac{3}{8}$ " wide	55-41 Wheel	Enters openings as small as $\frac{3}{8}$ " x $\frac{5}{8}$ ". Tapered solid steel mount gives excellent belt support immediately behind contact wheel. Flush mounted tip enables operator to grind into corners. Belts as coarse as 60 grit give excellent stock removal . . . as fine as 500 grit for polishing. $\frac{1}{2}$ " x 24" belts used.	\$159.00 (55A 41S) Std. Duty Motor \$239.00 (55A 41D) Dynco H.D. Motor
55 A 38  55-35 Mount 55-2 Contact Arm Wheel $\frac{1}{2}$ " dia. $\frac{3}{8}$ " wide	55-38 Wheel	Enters openings as small as $\frac{5}{8}$ " x $\frac{5}{8}$ ". Usually used when side of arm serves as contact area. Arm, with platen pads, measures $\frac{5}{8}$ " wide and leaves $\frac{1}{2}$ diameter wheel "recessed" to eliminate gouging at point of wheel. Grinding may be done over steel wheel, but not as efficiently as same work done over larger rubber covered wheels. $\frac{1}{2}$ " x 24" belts, 40 thru 500 grit. Flush mounted to get into corners. Comes with soft 55-50 cushioned platen pads on both sides of contact arm.	\$159.00 (55A 38S) Std. Duty Motor \$239.00 (55A 38D) Dynco H.D. Motor
55 A 40  55-35 Mount 55-2 Contact Arm Wheel $\frac{5}{8}$ " dia. $\frac{3}{8}$ " wide	55-40 Wheel	Enters $\frac{5}{8}$ " x $\frac{3}{4}$ " opening. Neoprene covered wheel, 80 durometer, gives excellent support when grinding over contact wheel. Best machine for deburring aluminum and steel holes in sheet metal and tubing. Flush mounts enable operator to get into corners. Comes with 55-50 (soft) platen pads on both sides of contact arm. $\frac{1}{2}$ " x 24" belts, 40-500 grit suggested.	\$159.00 (55A 40S) Std. Duty Motor \$239.00 (55A 40D) Dynco H.D. Motor
55 A 39  55-35 Mount 55-2 Contact Arm Wheel $\frac{5}{8}$ " dia. $\frac{1}{2}$ " wide	55-39 Wheel	Enters $\frac{3}{4}$ " x $\frac{3}{4}$ " opening. Best machine when work is accomplished with belt over contact wheel. Full $\frac{1}{2}$ " wide rubber covered wheel, gives full support to $\frac{1}{2}$ " belt. This model also has steel platen included that mounts on the left side of contact arm, which makes your Dyna-File an excellent flat file for sharpening dies, removing welds from band saw blades, etc. Steel platen is easily mounted with just two screws. With cushioned platen (55-51) mounted on right side of arm, this is the most versatile Dyna-File. Uses $\frac{1}{2}$ " x 24" belt, 40 grit thru 500 grit.	\$159.00 (55A 39S) Std. Duty Motor \$239.00 (55A 39D) Dynco H.D. Motor
55 A 440  55-35 Mount 55-4 Contact Arm Wheel $\frac{5}{8}$ " dia. $\frac{3}{8}$ " wide	55-40 Wheel	EXTRA LENGTH CONTACT ARM. Extends $15\frac{1}{4}$ inch beyond front end of housing. Used in deep cavities where standard arm can't reach. Work accomplished over cushioned platens on either side of contact arm or over rubber covered contact wheel which measures $\frac{5}{8}$ inch dia. x $\frac{3}{8}$ inch wide. Excellent tracking. Uses belts $\frac{1}{2}$ " x 44", 40 grit and finer.	\$179.00 (55A 440S) Std. Duty Motor \$259.00 (55A 440D) Dynco H.D. Motor

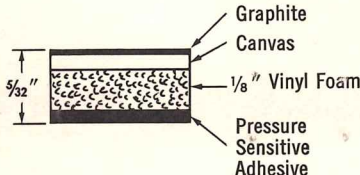
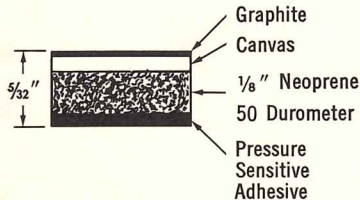
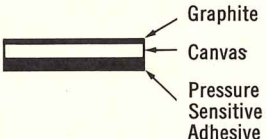
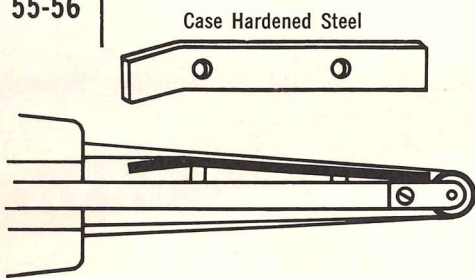
DYNAFILE PLATENS - THEIR USES

These "behind the belt" supports make the Dynafile the most versatile abrasive belt machine in use today. Ranging all the way from flexible sponge, covered with a tough, friction resistant canvas, to case hardened steel. These platens offer a complete range of support necessary to do your job better and at less cost.

All Platens Interchangeable on All Machines.

Cushioned pads measure $2\frac{3}{4}$ " x $\frac{1}{2}$ ".

WORK ACCOMPLISHED ON BOTH SIDES OF CONTACT ARM

PART NUMBER	DESCRIPTION	ADVANTAGE
55-50	 Graphite Canvas $\frac{1}{8}$" Vinyl Foam Pressure Sensitive Adhesive $\frac{5}{32}$"	Best Platen for deburring and polishing severely contoured pieces. Graphite covered canvas gives very tough, friction resistant cover to the foam which, in turn, offers an exceedingly flexible backing. Comes in six double lengths per box, enough for weeks of steady operation. 12 pads @ \$2.00 Pressure Sensitive — stick on any size piece in area best suited for your operation.
55-51	 Graphite Canvas $\frac{1}{8}$" Neoprene 50 Durometer Pressure Sensitive Adhesive $\frac{5}{32}$"	Best Platen for heavy deburring and polishing. Graphite — canvas covering. Firm 50 Durometer (as hard as your car tires) backing. Comes in six double lengths per box, enough for weeks of steady operation. Pressure Sensitive — stick on any size piece in area best suited for your operation. 12 pads @ \$3.00
55-52	 Graphite Canvas Pressure Sensitive Adhesive	Best used to cover contact arm when $\frac{5}{16}$ " to $\frac{1}{2}$ " diameter contact wheels are used and purpose is to enter smallest possible openings with arm. Also used to cover homemade backing with tough, friction resistant covering. Comes in six double lengths. Pressure Sensitive — stick on any size piece whenever needed on arm. 12 pads @ \$1.50
55-56	 Case Hardened Steel	Best for duplicating flat filing. The platen takes the twist out of the belt and presents completely flat surface to workpiece. Excellent for heavy stock removal. Place belt over area to be ground and "watch" the angle for accuracy. Used for sharpening stamping machine knife edges, removing welds from band saw blades etc. Held in place with only two screws. Comes standard on 55-39 machine. \$4.00 each

DYNAFILE

TYPICAL INDUSTRIES

Steel, Aluminum and Plastic
Fabricators

Stamping Plants (for Dies)

Forging Shops (for Dies)

Steel Mills (for Roll Dies)

Pattern Shops

Automotive Repair

Aircraft Plants

Woodworking Plants

Anyone using mounted points,
abrasive bands, rotary files,
regular files, small
diameter discs, etc.

STANDARD WARRANTEE:

Following the reasonable assumption that any inherent defect which might prevail in a product will become apparent to the user within three months from the date of purchase, all equipment of our manufacture is warranted against defects in workmanship and materials under normal use and service and we will repair or replace at our factory any equipment or part thereof which shall within 90 days after delivery to the original purchaser indicate upon our examination to have been defective.

Our obligation is contingent upon proper use in accordance with factory recommendations and instructions and shall not apply to equipment which has been subjected to misuse, negligence, accident or tampering in any way so as to affect its normal performance.

All normal wearable parts (contact wheels, bearings and platen pads) are not included in this guarantee.



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Distributed by: